Course Outline

COURSE: CSIS 574      DIVISION: 30      ALSO LISTED AS:

TERM EFFECTIVE: Spring 2015      CURRICULUM APPROVAL DATE: 10/13/2014

SHORT TITLE: ACT FOR WRITING

LONG TITLE: Assistive Computer Technology for Writing

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>.5 OR 1</td>
<td>18</td>
<td>Lecture:</td>
<td>.5 OR 1</td>
<td>9 OR 18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lab:</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other:</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total:</td>
<td>.5 OR 1</td>
<td>9 OR 18</td>
</tr>
</tbody>
</table>

COURSE DESCRIPTION:

This course provides instruction in effective use of assistive computer technology for writing assistance. Students with disabilities will learn how to use text-to-speech and word prediction programs for improved writing skills. Special emphasis will be placed in vocabulary development, prewriting and editing for correct spelling, word usage and research facilitation. ADVISORY: Completion of Guidance 557 or demonstrated deficit in reading or written language achievement.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: C - Credit - Degree Non Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: R - Course may be repeated

Maximum of 99 times

SCHEDULE TYPES:

02 - Lecture and/or discussion

STUDENT LEARNING OUTCOMES:

1. Student will display correct usage of writing and word prediction tools of text-to-speech software.

Measure: Lab exercises, demonstration, homework

PLO:

12/15/2014
2. Students will utilize the dictionary and thesaurus features within the text-to-speech software to increase vocabulary development.
Measure: Lab exercises, written report, homework

PLO:
ILO: 6, 7, 1
GE-LO:

3. Students will employ text-to-speech writing tools to correct spelling errors and incorrect word usage, including homonyms.
Measure: Lab exercises, written report, quizzes

PLO:
ILO: 2, 1, 7
GE-LO:

4. Students will explore pre-writing, editing and research techniques while using the text-to-speech software.
Measure: Lab exercises, written report, final report

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 10/13/2014
Note: Students who repeat this course will study new and advanced techniques for text-to-speech software. Supervised instruction will increase student skills in writing assistance utilizing the technologies.

1-2 Hours  Content: Introduction and Text-to-Speech Software Demonstration (Kurzweil 3000). Logging in – at home or on campus SPO: Students will learn how to access the Kurzweil 3000 program. Out-of-Class Assignments: Video tutorials

1-2 Hours  Content: Work with the Kurzweil 3000 User Interface. A. Introduction to the Default Toolbars (Classic Toolbar) 1. Main toolbar 2. Reading Toolbar 3. Study Skills Toolbar 4. Writing Toolbars 5. Customizing or creating your own toolbar SPO: Student will display the various toolbars within the Kurzweil 3000 program. Out-of-Class Assignments: Video tutorials, concept quiz


1-2 Hours Content: C. Setting Preferences for voice, reading speed, print size SPO: Students will personalize their text-to-speech preferences in the Kurzweil 3000 program. Out-Of-Class Assignments: Written report of Kurzweil preferences

1-3 Hours  Content: D. Text-To-Speech Writing Tools. 1. Correcting spelling errors 2. Using Word Prediction to assist with spelling and selecting correct homophones 3. Produce multi column notes and outlines 4. Brainstorm to produce graphic organizers and outlines 5. Use organizers or outlines to create first drafts of reactive/responsive essays 6. Edit essay for spelling and correct homophone usage 7. Use dictionary and thesaurus to improve sophistication of vocabulary SPO: Students will explore the writing features within the Kurzweil 3000 program. Out-of-Class Assignments: Video tutorials, concept quiz

1-2 Hours  Content: Introduction and Text-to-Speech Software Demonstration (Read & Write) SPO: Students will learn how to access the Read & Write program. Content: B. Introduction to the Writing and Self-Editing Tools. 1. Spell Checker 2. Word Prediction 3. Word Wizard 4. Sounds Like and Confusable Words (Check for Homophones) 5. Verb Checker 6. Speak While Typing SPO: Students will explore the writing and editing tools within the Read & Write program. Out-of-Class Assignments: Video tutorials, concept quiz
Content: Introduction of other assistive computer technology programs that provides writing assistance such as: Dragon Naturally Speaking voice recognition, Inspiration, SkillsTutor, and Solo. SPO: Students will explore various programs that will assist with their writing skills. Out-of-Class Assignments: Access one of the new programs, report their experience.

METHODS OF INSTRUCTION:
Weekly lecture with demonstration using the assistive computer technologies, handouts, in-class lab assignments, hands on exercises, practice and discussion of assigned exercises, individual assistance with additional review and practice, quizzes, and final exam.

METHODS OF EVALUATION:
Category 1 - The types of writing assignments required:
Percent range of total grade: 10 % to 20 %
Written Homework
Lab Reports

Category 2 - The problem-solving assignments required:
Percent range of total grade: 20 % to 40 %
Lab Reports
Quizzes

Category 3 - The types of skill demonstrations required:
Percent range of total grade: 20 % to 40 %
Class Performance/s
Performance Exams

Category 4 - The types of objective examinations used in the course:
Percent range of total grade: 10 % to 20 %
Multiple Choice
True/False
Matching Items

Completion

REPRESENTATIVE TEXTBOOKS:
n/a

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
   Not Transferable
UC TRANSFER:
   Not Transferable
SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 2 Stand-alone
Special Class Status: S
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: E
Maximum Hours: 1
Minimum Hours: .5
Course Control Number:
Sports/Physical Education Course: N
Taxonomy of Program: 493032